

manufacturing capacity trades, users can procure technological services in certain periods in the future with this trades, and also the level of these technological services are guaranteed with these trades. Also, there are merits for the technological service companies, because better services can get better appropriate prices. Like manufacturing capacity trades, service prices are decide by market prices in competitive bidding, but in use of long term forward trades optimize whole technological service industry, and realize higher efficiency of whole industry. Like manufacturing capacity trades, not only forward trades but also other trades such as option trades can be use in this technological service trades. The troubles related to service qualities can be avoided by precise definition of technological services and ratings to each service.

What is claimed is:

1. A method for trading a manufacturing capacity using computer system(s) and computer network(s), comprising the steps of:

- connecting to a trading site server;

- displaying an input screen on a monitor of the trader's computer;

- inputting code information associated with the manufacturing capacity and sell and/or buy actions and

trading prices and trading sizes and trading due/periods to the input screens by the trader;

sending the inputted information to the trading site server;

storing the sent information in trade information files of the trading site server as trading information;

looking up the trading information in the trade information files; and

judging the codes associated with trading information such as attributes of manufacturing capacities and sell and/or buy actions and trading prices and trading sizes and trading due/periods between trades, to make trade matches.

2. The method according to claim 1, wherein the configuration to made trades is that trader who offers later can select one of listed trade information which passed said judge processes.

3. The method according to claim 1, wherein the configuration to made trades is that the sever computer program selects the most favorable offer from said listed trade information automatically.

4. The method according to claim 1, wherein the configuration to made trades is that a trade is made between traders which offer a pair of trade information provide, if there is only pair of trade information which passed said judge processes.

5. The method according to claim 1, wherein said manufacturing capacity attribute information can include product types which can be manufactured by this manufacturing capacity and the yield information of this manufacturing capacity.

6. The method according to claim 5, wherein a penalty calculated along a certain standard can be posed to the seller of the trade, in case that yield of the product doesn't reach the yield included in said manufacturing capacity attribute information when the product is manufactured by the traded manufacturing capacity.

7. The method according to claim 1, wherein the server includes register files that records pre-examined traders' credibility information, and

server computer allow the traders who registered in the register file to trade more manufacturing capacities than they really have.

8. The method according to claim 1, wherein the trades include right trade which trade rights to sell or buy manufacturing capacities at predetermined prices on predetermined dates.

9. The method according to claim 1, wherein the manufacturing capacities are semiconductor wafer process capacities, semiconductor chip packaging process capacities, or semiconductor testing process capacities.

10. The method according to claim 9, further comprising:

selecting attributes of manufacturing capacities necessary to manufacture its products, by inputting the number of the product to manufacture, the specification of the product, and the design rules of the product, at traders request; and

indicating the code information of matched offers automatically.

11. The method according to claim 9, further comprising:

showing the information of providers who provide IPs (Intellectual Property) and technological services such as design support services necessary to design the product at trader's request, by inputting its product specification; and

procuring the IPs and services such as design support.

12. The method according to claim 1, further comprising:

recording trading situation to trading record files;
recording quality troubles, delivery delays and other trouble factors in said trading record files, and
indicating those price reduction factors numerically; and
providing the services where the manufacturing capacities and services with those price reduction factors

are traded at certain reduced prices according to said trading recording files.

13. A manufacturing capacity trading system using computer system(s) and computer network(s), comprising:

a unit of connecting to a trading site server;

a unit of displaying an input screen on a monitor of the trader's computer;

a unit of inputting code information associated with the manufacturing capacity and sell and/or buy actions and trading prices and trading sizes and trading due/periods to the input screens by the trader;

a unit of sending the inputted information to the trading site server;

a unit of storing the sent information in trade information files of the trading site server as trading information;

a unit of looking up the trading information in the trade information files; and

a unit of judging the codes associated with trading information such as attributes of manufacturing capacities and sell and/or buy actions and trading prices and trading sizes and trading due/periods between trades, to make trade matches.

14. The system according to claim 13, wherein the configuration to made trades is that trader who offers

later can select one of listed trade information which passed said judge processes.

15. The system according to claim 13, wherein the configuration to made trades is that the sever computer program selects the most favorable offer from said listed trade information automatically.

16. The system according to claim 13, wherein the configuration to made trades is that a trade is made between traders which offer a pair of trade information provide, if there is only pair of trade information which passed said judge processes.

17. The system according to claim 13, wherein said manufacturing capacity attribute information can include product types which can be manufactured by this manufacturing capacity and the yield information of this manufacturing capacity.

18. The system according to claim 17, wherein a penalty calculated along a certain standard can be posed to the seller of the trade, in case that yield of the product doesn't reach the yield included in said manufacturing capacity attribute information when the product is manufactured by the traded manufacturing capacity.

19. The system according to claim 13, wherein the server includes register files that records pre-examined traders' credibility information, and

server computer allow the traders who registered in the register file to trade more manufacturing capacities than they really have.

20. The system according to claim 13, wherein the trades include right trade which trade rights to sell or buy manufacturing capacities at predetermined prices on predetermined dates.

21. The system according to claim 13, wherein the manufacturing capacities are semiconductor wafer process capacities, semiconductor chip packaging process capacities, or semiconductor testing process capacities.

22. The system according to claim 21, further comprising:

a unit of selecting attributes of manufacturing capacities necessary to manufacture its products, by inputting the number of the product to manufacture, the specification of the product, and the design rules of the product, at traders request; and

a unit of indicating the code information of matched offers automatically.

23. The system according to claim 21, further comprising:

a unit of showing the information of providers who provide IPs (Intellectual Property) and technological services such as design support services necessary to

design the product at trader's request, by inputting its product specification; and

a unit of procuring the IPs and services such as design support.

24. The system according to claim 13, further comprising:

a unit of recording trading situation to trading record files;

a unit of recording quality troubles, delivery delays and other trouble factors in said trading record files, and indicating those price reduction factors numerically; and

a unit of providing the services where the manufacturing capacities and services with those price reduction factors are traded at certain reduced prices according to said trading recording files.